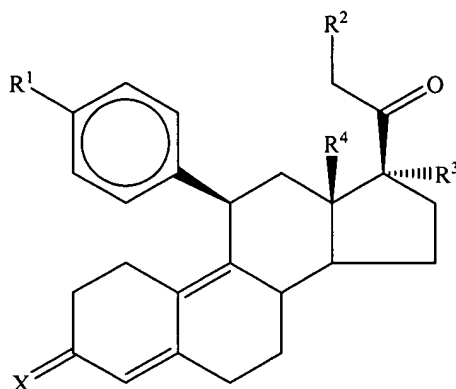


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A compound having the general formula:



wherein:

$R^1$  is a member selected from the group consisting of  $\text{OCH}_3$ ,  $\text{SCH}_3$ ,  
 $\text{-N(CH}_3)_2$ , and  $\text{-NHCH}_3$ ,  ~~$\text{CHO}$ ,  $\text{COCH}_3$ , and  $\text{CHOHCH}_3$~~ ;

$R^2$  is a member selected from the group consisting of halogen, alkyl, acyl,  
hydroxy, alkoxy, acyloxy, alkylcarbonate, cypionyloxy, S-alkyl and  
S-acyl;

$R^3$  is a member selected from the group consisting of alkyl, hydroxy,  
alkoxy and acyloxy;

$R^4$  is a member selected from the group consisting of hydrogen and alkyl;  
and

X is a member selected from the group consisting of  $\text{=O}$  and  
 $\text{=N-OR}^5$ , wherein  $R^5$  is a member selected from the group  
consisting of hydrogen and alkyl;

16 with the proviso that if X is =O, R<sup>1</sup> is -N(CH<sub>3</sub>)<sub>2</sub>, R<sup>2</sup> is hydroxy and R<sup>4</sup> is  
17 alkyl, then R<sup>3</sup> is other than hydroxy.

1 Claim 2 (original): A compound in accordance with claim 1 in which:

2 R<sup>1</sup> is -N(CH<sub>3</sub>)<sub>2</sub>.

1 Claim 3 (withdrawn): A compound in accordance with claim 1 in which:

2 R<sup>2</sup> is halogen.

1 Claim 4 (original): A compound in accordance with claim 1 in which:

2 R<sup>2</sup> is alkoxy.

1 Claim 5 (original): A compound in accordance with claim 1 in which:

2 R<sup>3</sup> is acyloxy.

1 Claim 6 (original): A compound in accordance with claim 1 in which:

2 R<sup>4</sup> is alkyl.

1 Claim 7 (original): A compound in accordance with claim 1 in which:

2 X is =O.

1 Claim 8 (withdrawn): A compound in accordance with claim 1 in which:

2 X is =N-OR<sup>5</sup>.

1 Claim 9 (withdrawn): A compound in accordance with claim 1 in which:

2 R<sup>1</sup> is -N(CH<sub>3</sub>)<sub>2</sub>;

3 R<sup>2</sup> is halogen;

4 R<sup>3</sup> is acyloxy;

5 R<sup>4</sup> is alkyl; and

6 X is =O.

1 Claim 10 (withdrawn): A compound in accordance with claim 9 in which:

2                   R<sup>2</sup> is F.

1                   Claim 11 (withdrawn): A compound in accordance with claim 9 in which:

2                   R<sup>2</sup> is Br.

1                   Claim 12 (withdrawn): A compound in accordance with claim 9 in which:

2                   R<sup>2</sup> is Cl.

1                   Claim 13 (withdrawn): A compound in accordance with claim 9 in which:

2                   R<sup>4</sup> is methyl.

1                   Claim 14 (withdrawn): A compound in accordance with claim 1 in which:

2                   R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;

3                   R<sup>2</sup> is alkyl;

4                   R<sup>3</sup> is acyloxy;

5                   R<sub>4</sub> is alkyl; and

6                   X is =O.

1                   Claim 15 (original): A compound in accordance with claim 1 in which:

2                   R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;

3                   R<sup>2</sup> is alkoxy;

4                   R<sub>3</sub> is acyloxy;

5                   R<sup>4</sup> is alkyl; and

6                   X is =O.

1                   Claim 16 (original): A compound in accordance with claim 15 in which:

2                   R<sup>2</sup> is methoxy.

1                   Claim 17 (original): A compound in accordance with claim 15 in which:

2                   R<sup>2</sup> is ethoxy.

1 Claim 18 (original): A compound in accordance with claim 15 in which:

2 R<sup>3</sup> is acetoxy.

1 Claim 19 (original): A compound in accordance with claim 1 in which:

2 R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;

3 R<sup>2</sup> is hydroxy;

4 R<sup>3</sup> is acyloxy;

5 R<sup>4</sup> is alkyl; and

6 X is =O.

1 Claim 20 (withdrawn): A compound in accordance with claim 1 in which:

2 R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;

3 R<sup>2</sup> and R<sup>3</sup> are both acyloxy;

4 R<sup>4</sup> is alkyl; and

5 X is =O.

1 Claim 21 (withdrawn): A compound in accordance with claim 20 in which:

2 R<sup>2</sup> and R<sup>3</sup> are both acetoxy.

1 Claim 22 (withdrawn): A compound in accordance with claim 1 in which:

2 R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;

3 R<sup>2</sup> is S-acyl;

4 R<sup>3</sup> is a member selected from the group consisting of hydroxy and acyloxy;

5 R<sup>4</sup> is alkyl; and

6 X is =O.

1 Claim 23 (withdrawn) A compound in accordance with claim 1 in which:

2 R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;

3 R<sup>2</sup> is cypionyloxy;

4                   R<sup>3</sup> is acetoxy;  
5                   R<sup>4</sup> is alkyl; and  
6                   X is =O.

1                   Claim 24 (withdrawn) A compound in accordance with claim 1 in which:

2                   R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;  
3                   R<sup>2</sup> is methoxy;  
4                   R<sup>3</sup> is acetoxy;  
5                   R<sup>4</sup> is alkyl; and  
6                   X is =N-OR<sup>5</sup>.

1                   Claim 25 (withdrawn) A compound in accordance with claim 1 in which:

2                   R<sup>1</sup> is —N(CH<sub>3</sub>)<sub>2</sub>;  
3                   R<sup>2</sup> and R<sup>3</sup> are both acetoxy;  
4                   R<sup>4</sup> is alkyl; and  
5                   X is =N-OR<sup>5</sup>.

1                   Claim 26 (original): A pharmaceutical composition comprising an effective  
2 amount of a compound of claim 1 and a pharmaceutically acceptable excipient.

1                   Claim 27 (original): A method of producing an antiprogestational effect in a  
2 patient, said method comprising administering to said patient an effective amount of a compound  
3 of claim 1.

1                   Claim 28 (withdrawn): A method of inducing menses in a patient, said method  
2 comprising administering to said patient an effective amount of a compound of claim 1.

1                   Claim 29 (withdrawn): A method of treating endometriosis, said method  
2 comprising administering to said patient an effective amount of a compound of claim 1.

1                   Claim 30 (withdrawn): A method of treating dysmenorrhea, said method  
2 comprising administering to said patient an effective amount of a compound of claim 1.

1                   Claim 31 (withdrawn): A method of treating endocrine hormone-dependent  
2 tumors, said method comprising administering to said patient an effective amount of a compound  
3 of claim 1.

1                   Claim 32 (withdrawn): A method of treating uterine fibroids in a patient, said  
2 method comprising administering to said patient an effective amount of a compound of claim 1.

1                   Claim 33 (withdrawn): A method of inhibiting uterine endometrial proliferation  
2 in a patient, said method comprising administering to said patient an effective amount of a  
3 compound of claim 1.

1                   Claim 34 (withdrawn): A method of inducing labor, said method comprising  
2 administering to a patient an effective amount of a compound of claim 1.

1                   Claim 35 (withdrawn): A method of contraception, said method comprising  
2 administering to a patient an effective amount of a compound of claim 1.

1                   Claim 36 (withdrawn): A method of postcoital contraception, said method  
2 comprising administering to a patient an effective amount of a compound of claim 1.